

**What is claimed is:**

1. A system of data management for a plurality of correlated data records, comprising:

5 a data verification module, verifying the data records according to the data correlations and producing a plurality of verification results, each of which corresponds to a data record;

10 a data notation module, coupled to the data verification module, noting the verification results in the corresponding data records; and

15 a data management module, coupled to the data notation module, managing the data records according to the verification results.

2. The system as claimed in claim 1, further comprising at least one data application module, coupled to the data verification module and the data notation module, applying the data records.

3. The system as claimed in claim 2, wherein the data correlations are established according to correlations between the data records applied to the data application modules.

4. The system as claimed in claim 3, wherein the data correlations are sequential.

5. The system as claimed in claim 3, wherein the data correlations are parallel only.

6. The system as claimed in claim 3, wherein the data correlations are both sequential and parallel.

7. The system as claimed in claim 1, wherein each data record has a data record owner.

8. The system as claimed in claim 7, wherein data management is enabled by the data management module sending the verification results to the data record owners.

9. The system as claimed in claim 7, wherein data management is enabled by the data management module deleting the data records.

10. The system as claimed in claim 1, wherein the data records are stored in at least one database.

11. A method of data management for a plurality of correlated data records, comprising:

5           verifying the data records according to the data  
            correlations and producing a plurality of  
            verification results, each of which  
            corresponds to a data record;  
            noting the verification results in the  
            corresponding data records; and  
            managing the data records according to the  
10           verification results.

12. The method as claimed in claim 11, further comprising applying the data records to at least one data application module.

13. The method as claimed in claim 12, wherein the data correlations are established according to correlations between the data records applied by the data application modules.

14. The method as claimed in claim 13, wherein the data correlations are sequential only.

15. The method as claimed in claim 13, wherein the data correlations are parallel only.

16. The method as claimed in claim 13, wherein the data correlations are both sequential and parallel.

17. The method as claimed in claim 11, wherein each data record has a data record owner.

18. The method as claimed in claim 17, wherein data management is enabled by the data management module sending the verification results to the data record owners.

19. The method as claimed in claim 17, wherein data management is enabled by the data management module deleting the data records.

20. The method as claimed in claim 11, wherein the data records are stored in at least one database.

21. A database, comprising:

a data storage module, storing a plurality of  
correlated data records, and  
a data operation module, coupled to the data  
5 storage module, operating the data records.

22. The database as claimed in claim 21, wherein  
the data operation module further comprises:

a data verification module, verifying the data  
records according to the data correlations  
10 and producing a plurality of verification  
results, each of which corresponds to a data  
record;

a data notation module, coupled to the data  
verification module, noting the verification  
15 results in the corresponding data records;  
and

a data management module, coupled to the data  
notation module, managing the data records  
according to the verification results.

23. The database as claimed in claim 22, wherein  
the data management module further comprises at least  
one data application module, coupled to the data  
verification module and the data notation module, and  
5 applying the data records.

24. The database as claimed in claim 22, wherein  
the data correlations are established according to  
correlations between the data records applied to the  
data application modules.

25. The database as claimed in claim 24, wherein the data correlations are sequential only.

26. The database as claimed in claim 24, wherein the data correlations are parallel only.

27. The database as claimed in claim 24, wherein the data correlations are both sequential and parallel.

28. The database as claimed in claim 22, wherein each data record has a data record owner.

29. The database as claimed in claim 28, wherein data management is enabled by the data management module sending the verification results to the data record owners.

30. The database as claimed in claim 28, wherein data management is enabled by the data management module deleting the data records.